

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-384-11
Relating to Exemptions Under Section 27156
Of the Vehicle Code

Englehard Corporation
CCX and CMX Diesel Oxidation Catalytic Converters

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED; That the installation of the CCX and CMX Diesel Oxidation Catalytic Converters (CCX/CMX), manufactured and marketed by Englehard Corporation, 101 Wood Ave., Iselin, NJ 08830-0770, has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for installation on 2002 and older model year on-road heavy-duty diesel engines not otherwise equipped with a catalytic converter. The CCX is an integrated catalytic converter muffler while the CMX is a catalyst only device.

This Executive Order is valid provided that the installation instructions for the CCX/ CMX will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

This Executive Order shall not apply to any Englehard Corporation CCX/CMX advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with the transfer to an ultimate purchaser.

This Executive Order shall apply only to CCX/CMX catalytic converters with a catalyst formulation of A or B, as described in the Attachment. Changes made to the design or operating conditions of the CCX/CMX, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the CCX/CMX using any identification other than that shown in this Executive Order or marketing of the CCX/CMX for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the system shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect that the use of the CCX/CMX may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on test results submitted by Englehard Corporation which demonstrated, using various heavy-duty diesel engines, that the CCX/CMX has no adverse impact on exhaust emissions.

In addition to the foregoing, the ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

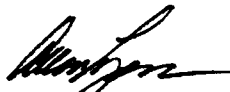
THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF ENGLEHARD CORPORATION'S CCX/CMX.

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination is made, after the hearing, that grounds for revocation exist.

Executive Orders D-384-1 and D-384-2, dated March 1998, are superseded and of no further force and effect.

Executed at El Monte, California, this 4th day of November 2002.



Allen Lyons, Chief
Mobile Source Operations Division

Attachment
(Executive Order D-384-8)

Executive Order D-384-11 shall apply only to CMX/CCX catalytic converters as described in Englehard Corporation's application for exemption as having the **catalyst letters A or B** in the part number.

CCX/CMX Catalyst Part Number Description

<u>Name</u>	<u>Size</u>	<u>Catalyst</u>	<u>Inlet/Outlet</u>
CCX or CMX	Number	Letter	Number

All CMX or CCX catalysts use the same type of substrate but may have different wash coats.

The Size designator indicates the actual diameter and length of the catalyst substrate.

The Catalyst designator indicates the wash coat of the substrate.

The Inlet/Outlet designator indicates the size, in inches, of the inlet and outlet ports of the catalyst and if the catalyst has flanged ports.